

## Think Like a Citizen Scientist Journey: Materials List

### Think Like a Citizen Scientist 1

#### Activity 2: Opening Ceremony: Becoming Citizen Scientists

- Flag
- Device (computer, tablet or smartphone) with SciStarter project videos downloaded or with ability to stream
- Optional: Poster Board with the Girl Scout Promise and Law

#### Activity 3: Sharpening Our Observation Skills

- 10-15 small items for girls to observe (keys, pens, coins, paperclip, etc.)
- Towel, blanket, or similar item to cover the items all at once
- Blank paper
- Pens or pencils
- Optional: Take Brownies outside for this activity. It will give girls the chance to explore making observations outdoors, which will be an important part of their citizen science activity in Think Like a Citizen Scientist 3.

#### Activity 4: Closing Ceremony: Take Action Like Citizen Scientists

- Take Action Guide

### Think Like a Citizen Scientist 2

#### Activity 1: As Girls Arrive: Create Your Field Notebook

- Option 1: Blank paper, stapler
- Option 2: Field notebooks (one per girl). A field notebook can be any small notebook that girls can carry with them to jot down notes.
- Pens, pencils, or markers
- Decorating supplies (construction paper, glue, animal stickers, etc.)

#### Activity 2: Opening Ceremony: Choosing Our Citizen Science Project

- Flag
- Device (computer, tablet or smartphone) with SciStarter project videos downloaded or with ability to stream
- Optional: Poster Board with the Girl Scout Promise and Law

#### Activity 3: Snail Field Notes

- **Snail Cutouts**, four sheets printed and cut out (making 16 snails in total). Option: Add additional snail cutouts to increase the level of difficulty.
- **Cardinal Direction signs** (Alternatively: papers with North, South, East, and West written, respectively on each)
- **Snail Mapping Template** (one for each girl)
- Tape
- Field notebooks from Activity 1: As Girls Arrive: Create Your Field Notebook
- Pens, pencils or markers

#### Activity 4: Closing Ceremony: Brainstorming Our Take Action Project

- List of Brownies' Take Action ideas from Think Like a Citizen Scientist 1
- Optional: **Take Action Guide**

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### Think Like a Citizen Scientist 3

#### Activity 1: As Girls Arrive: Prepare Your Field Notebook

- Brownies' field notebooks from Think Like a Citizen Scientist 2
- Pens or pencils

#### Activity 2: Opening Ceremony: Time to be Citizen Scientists!

- Flag
- Optional: Poster Board with the Girl Scout Promise and Law

#### Activity 3: Conducting Our Citizen Science Project

- Device (app or website on tablet, computer, or smartphone) or other materials needed for you to share Brownies' data and show them the 'Thank You' video SciStarter
- Materials needed for your chosen citizen science project (Check your SciStarter Dashboard or project's instructions.)
- Field notebooks or blank paper for girls
- Pens or pencils

#### Activity 4: Closing Ceremony: Time to Decide on Take Action

- List of Brownies' Take Action ideas from past meetings
- Index cards or paper
- Tape
- Pens, pencils, or markers

### Think Like a Citizen Scientist 4

#### Activity 2: Opening Ceremony: Working Together to Take Action

- Flag
- Optional: Poster Board with the Girl Scout Promise and Law

#### Activity 3: Designing Our Take Action Project

- Large pieces of paper or poster boards
- Markers
- Post-It notes
- Pens and pencils

## Think Like a Citizen Scientist Journey: Materials List

### Think Like a Citizen Scientist 5

#### Activity 2: Opening Ceremony: Why is Our Project Important?

- Flag
- Optional: Poster Board with the Girl Scout Promise and Law

#### Activity 3: Creating Our Take Action Project

- Any materials Brownies need for their Take Action project

### Think Like a Citizen Scientist 6

#### Activity 1: As Girls Arrive: Get Ready to Celebrate!

- Girl Scout Promise and Law poster(s)
- Any items Brownies want to display (such as photos or videos from their citizen science or Take Action projects)
- Photos and videos from the Journey meetings
- Music system
- Decorations
- Snacks

#### Activity 2: Opening Ceremony: Welcome!

- Flag
- Optional: Poster Board with the Girl Scout Promise and Law

#### Activity 3: Awards Ceremony and Celebration

- Think Like a Citizen Scientist award
- Take Action award

(Note to Volunteers: You can buy these awards from your council shop or on the Girl Scouts' website.)

#### Activity 4: Girl Survey

- If girls are taking the survey online: Laptop/tablet
- If girls are filling out the survey on paper: Copies of Girl Survey (pdf available in Meeting Aids) and pen or pencil